

# Missouri Water Resources Center

Missouri Rivers and Streams Flood Conditions Report

April 3, 2025

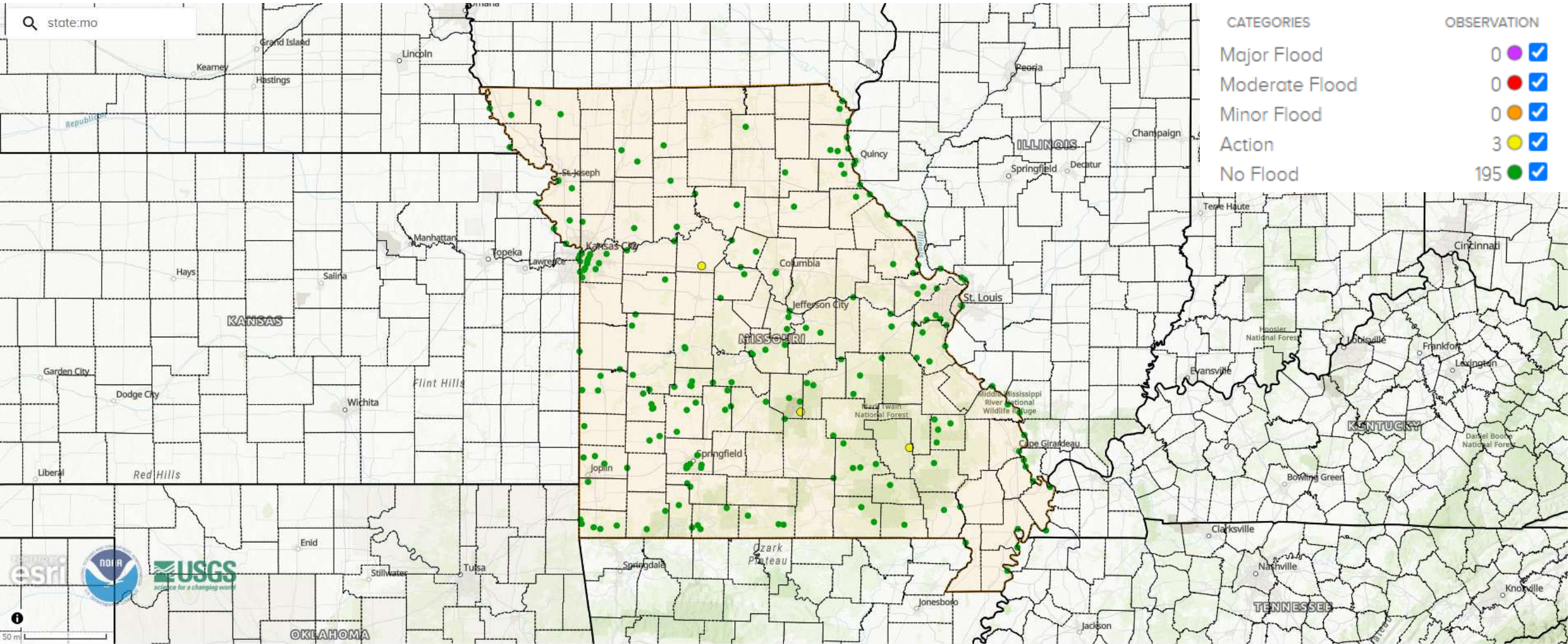
# Missouri Rivers and Streams Flooding Status

- Major Flooding is forecast at the following 5 gages:
  - Black River at Poplar Bluff
  - Dardenne Creek at St. Peters
  - Meramec River at Valley Park
  - Meramec River near Eureka
  - Mississippi River at Hickman
- Moderate Flooding is forecast at the following 17 gages:
  - Big Piney at Ft. Wood – East Gate
  - Big River at Byrnesville
  - Black River near Annapolis
  - Bourbeuse River at Union
  - Current River above Powder Mill
  - Current River at Doniphan
  - Gasconade River near Rich Fountain
  - Jacks Fork at Alley Spring
  - Jacks Fork at Eminence
  - Meramec River at Arnold
  - Meramec River at Fenton
  - Meramec River near Pacific
  - Meramec River near Steelville
  - Meramec River near Sullivan
  - Mississippi River at Cape Girardeau
  - North Fork White River near Tecumseh
  - St. Francis River at Patterson

Please note:

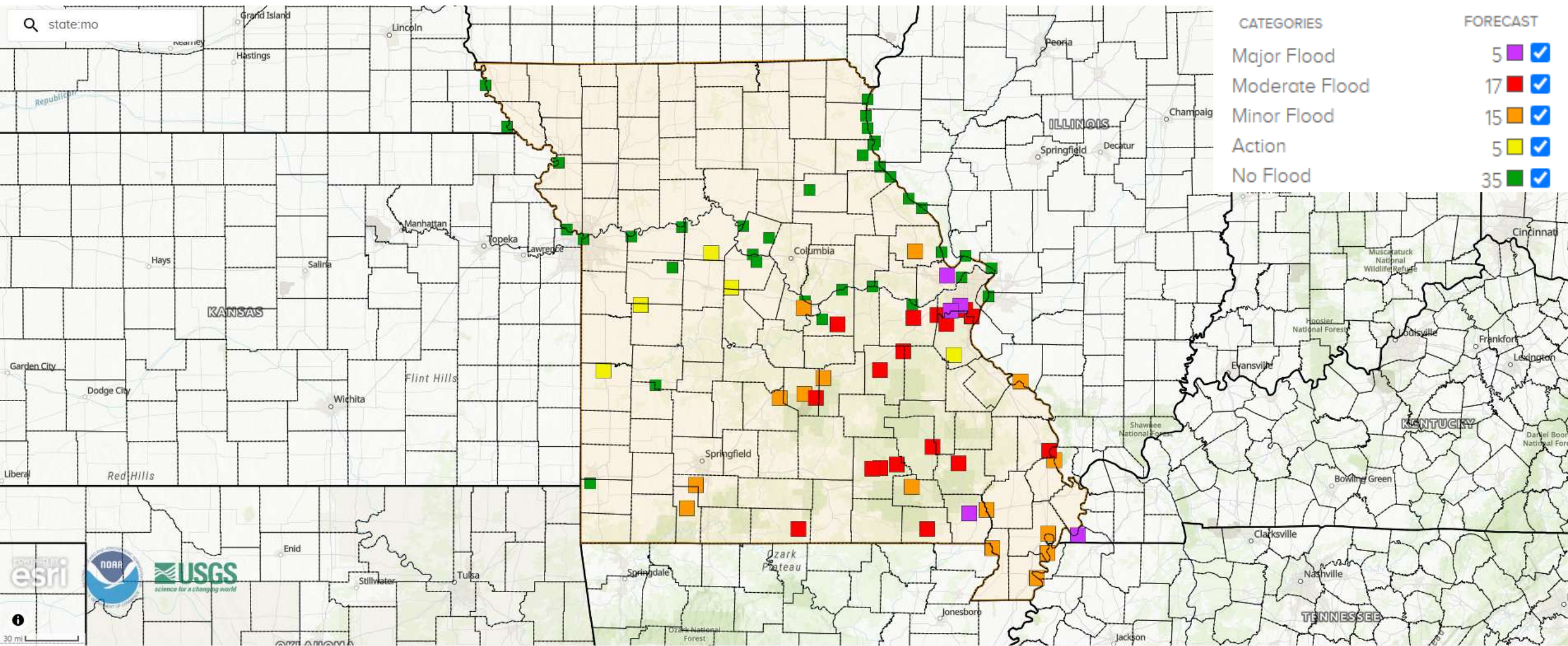
- Gage forecasts are currently only considering the next 24-48 hours of precipitation.
- Gage forecasts may change significantly as additional precipitation is forecast beyond the 48-hour window.
- According to the 48-Hour Quantitative Precipitation Forecast, the southeastern half of Missouri will receive 1.5-7.0 inches of precipitation.
- The 6-10 and 8-14 Outlooks predict leaning below average precipitation for most of the state, indicating that flooding may not extend beyond this event.

# Current Stream and River Conditions



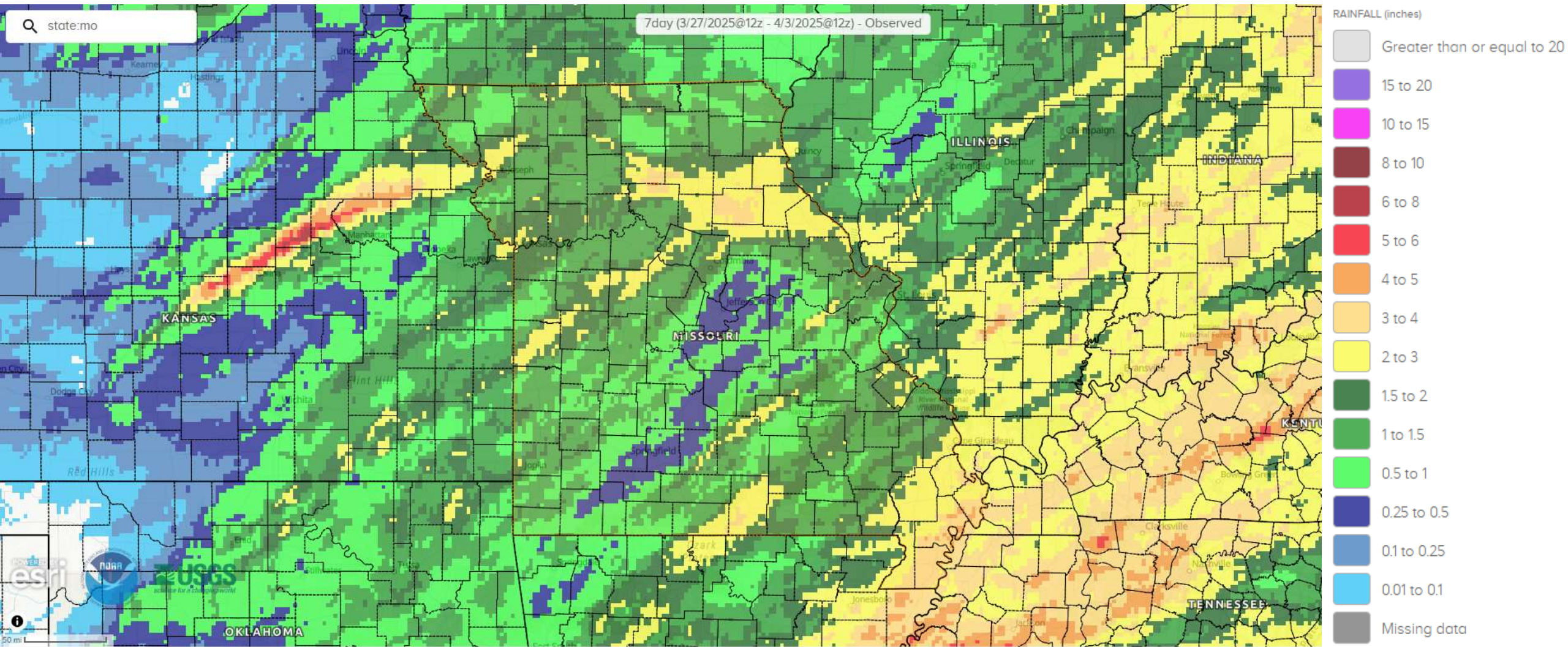


# River Forecast Conditions



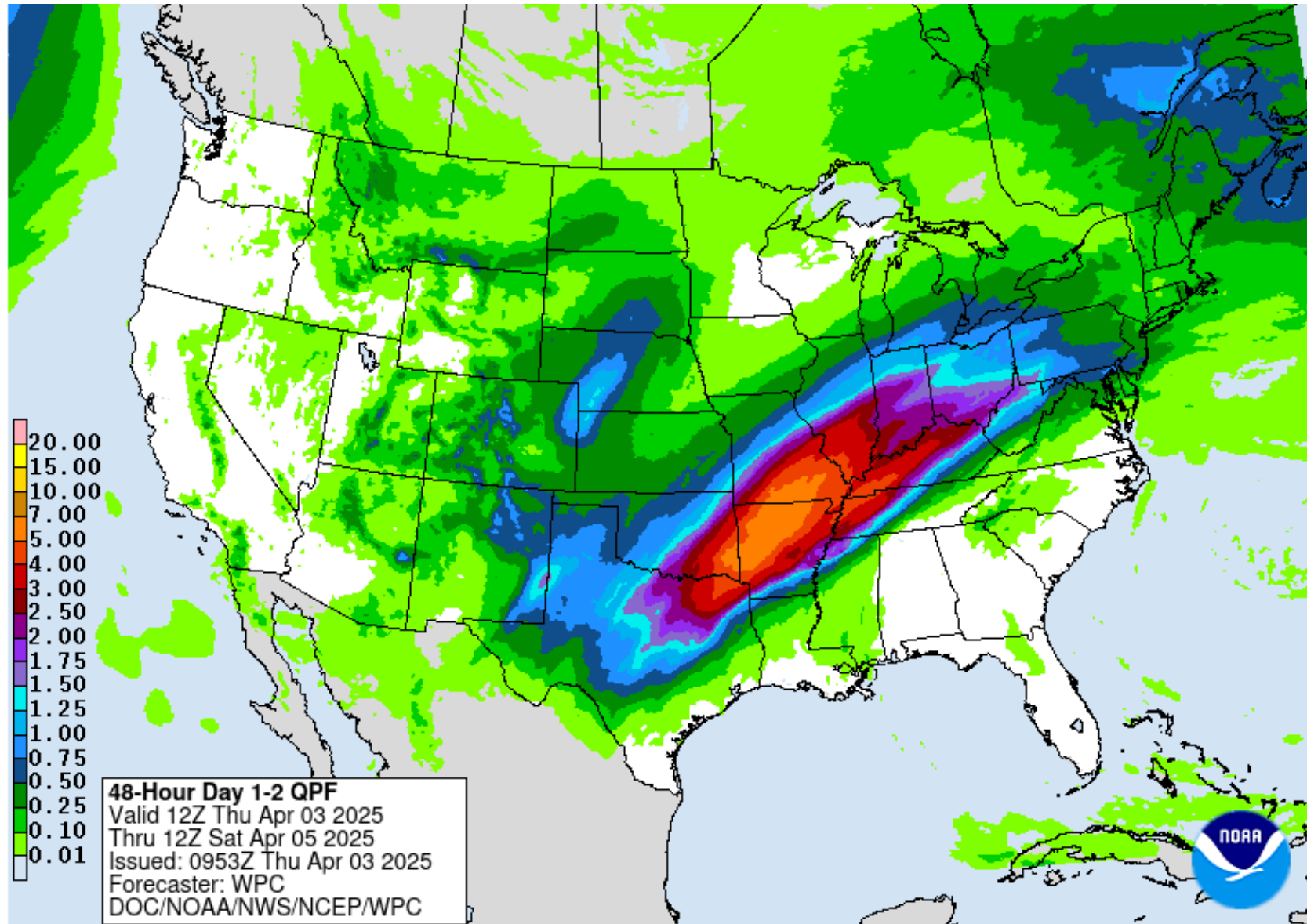


# 7-Day Observed Precipitation Estimate

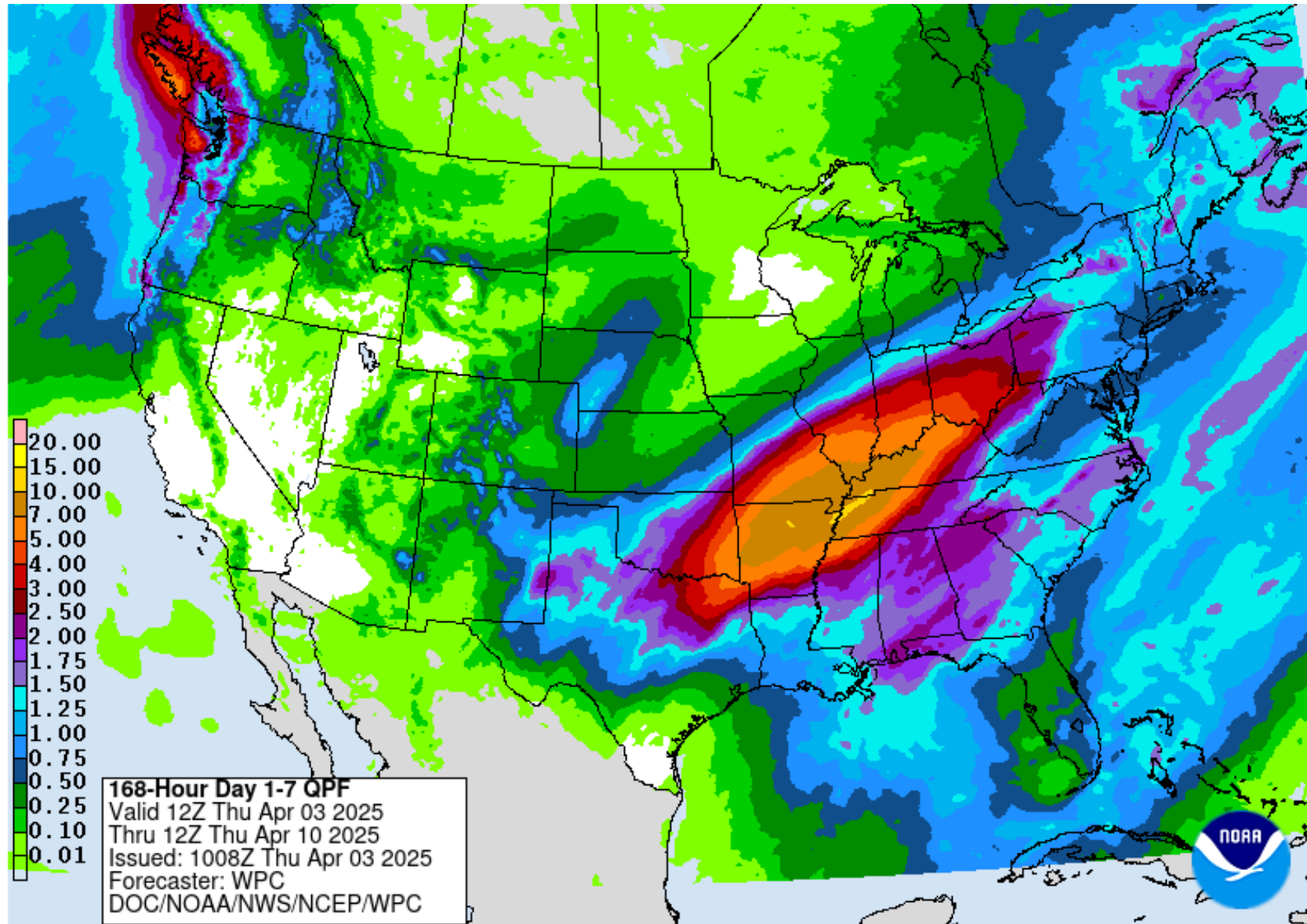




# 2-Day Quantitative Precipitation Forecast



# 7-Day Quantitative Precipitation Forecast

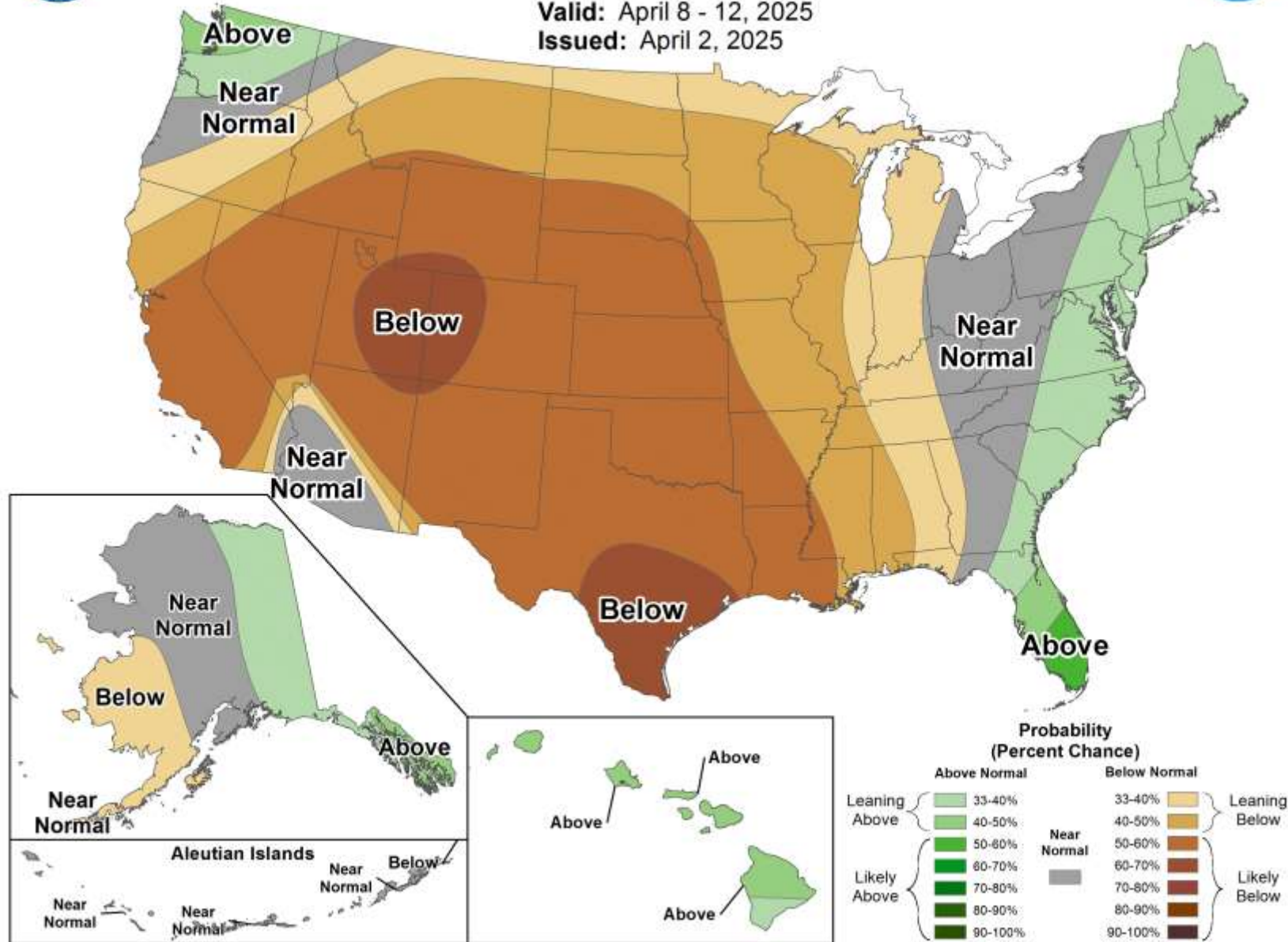




# 6-10 Day Precipitation Outlook



Valid: April 8 - 12, 2025  
Issued: April 2, 2025





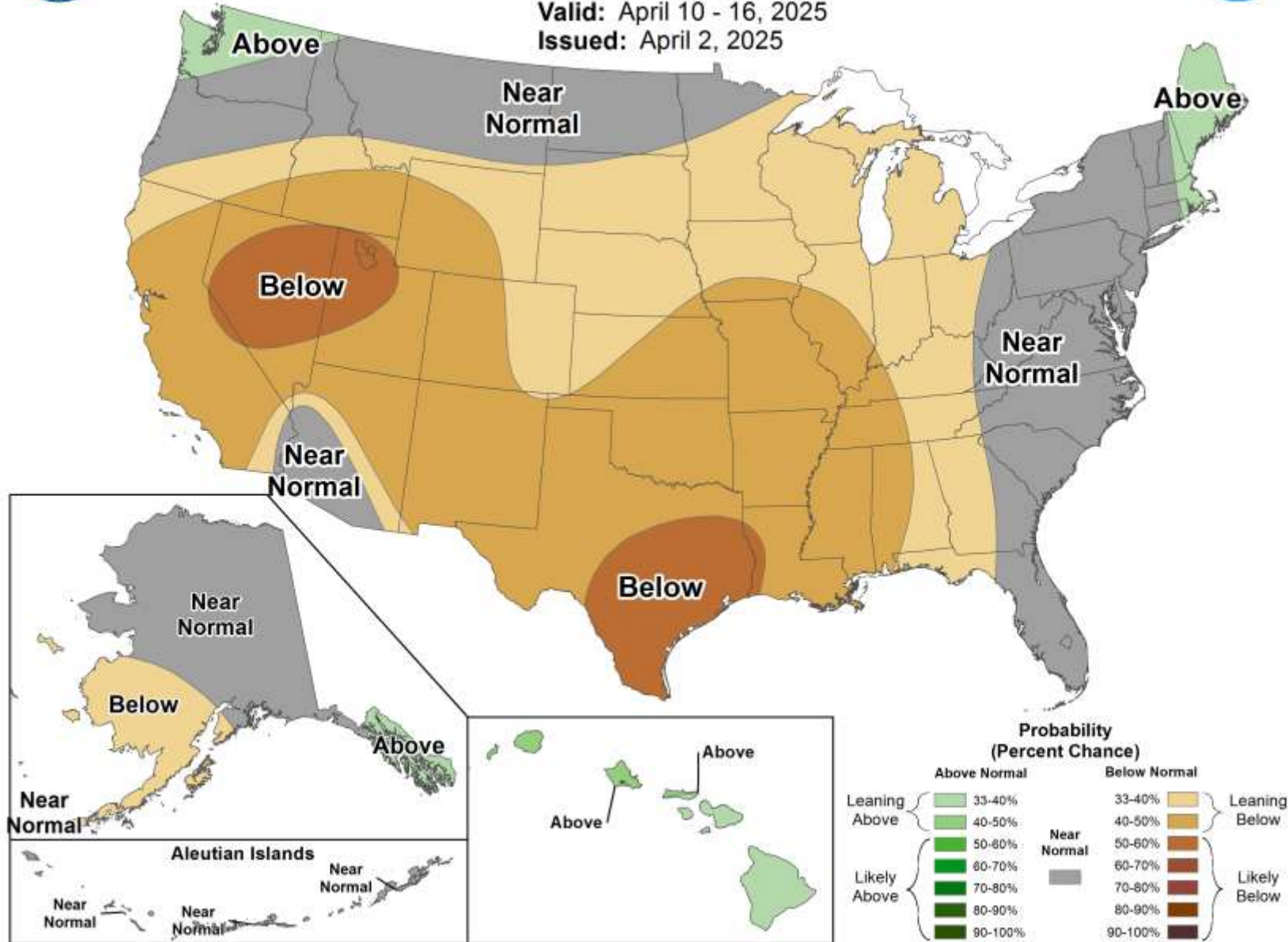


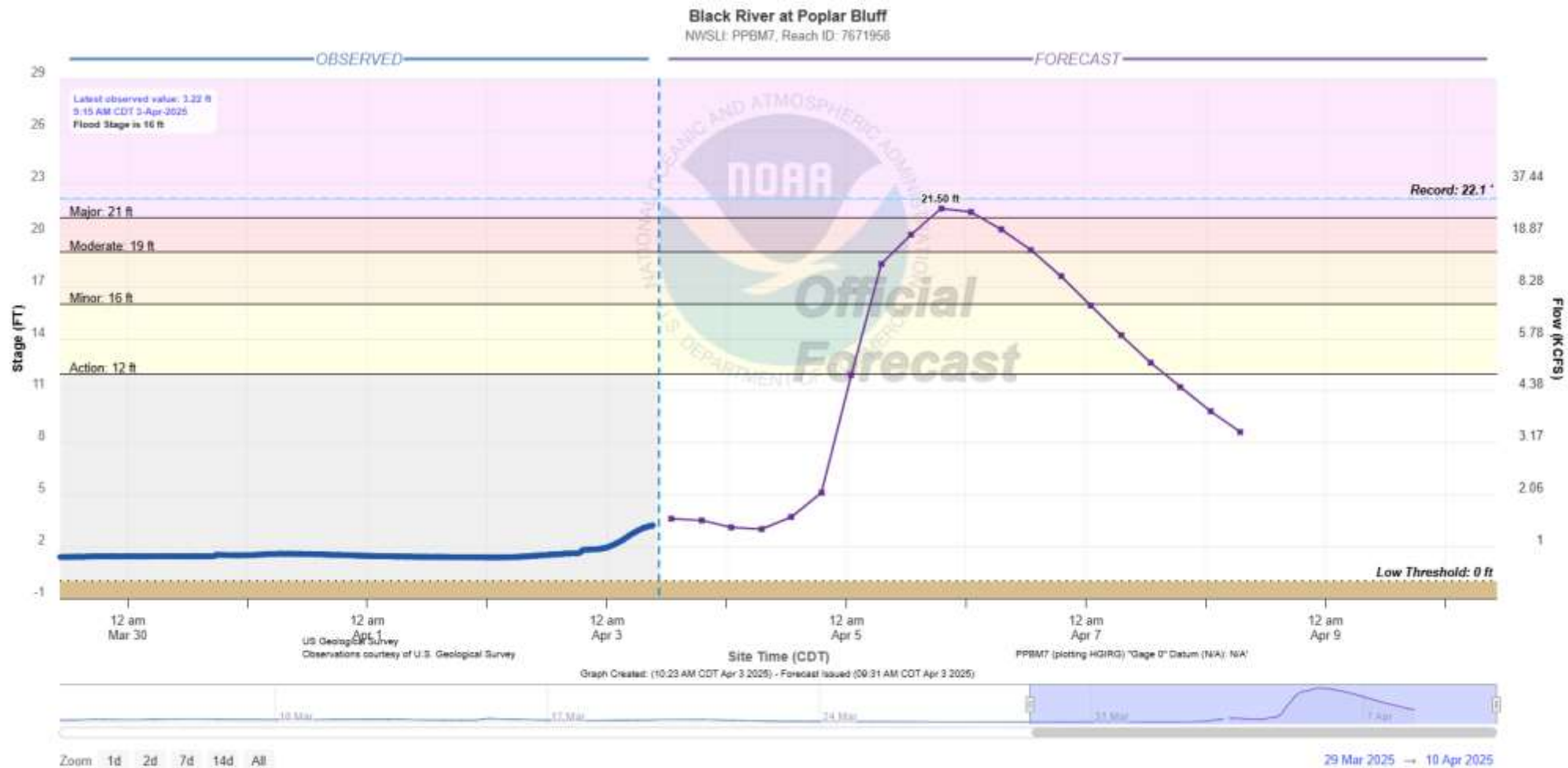
# 8-14 Day Precipitation Outlook



Valid: April 10 - 16, 2025

Issued: April 2, 2025



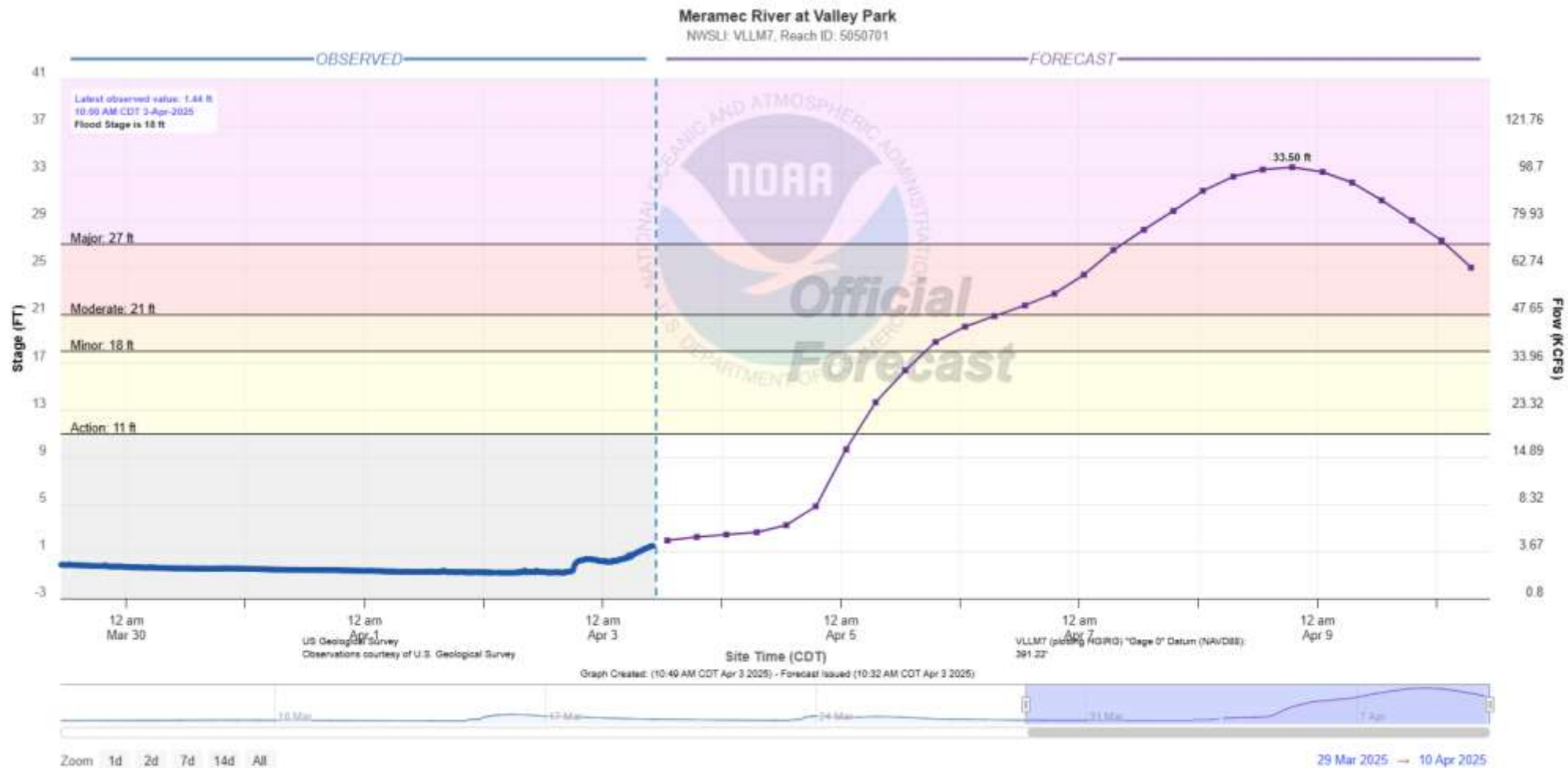


- Black River at Poplar Bluff is at 3.22 ft. and expected to crest at 21.5 ft. in Major Flood Stage late day on Saturday, April 5, 2025.
- Forecast was issued at 9:31 AM CDT April 3, 2025.
- Major Flood Stage occurs at 21 feet.
- USGS Gage Number 07063000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/PPBM7>





- Dardenne Creek at St. Peters is at 5.65 ft. and expected to crest at 23.00 ft. in Major Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 10:12 AM CDT April 3, 2025.
- Major Flood Stage occurs at 23 feet.
- USGS Gage Number 05514860.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/DRCM7>

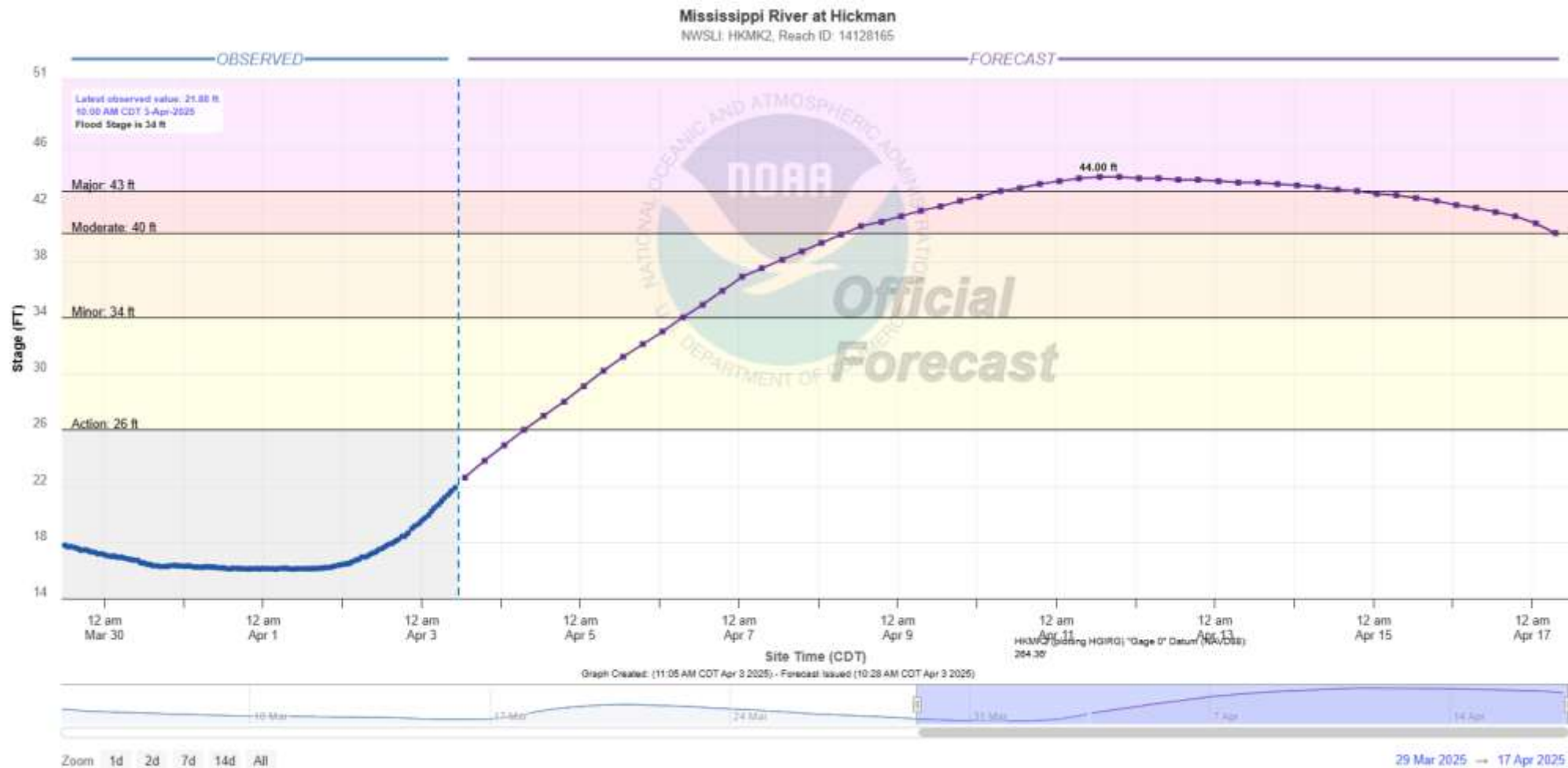


- Meramec River at Valley Park is at 1.44 ft. and expected to crest at 33.50 ft. in Major Flood Stage in the evening of Tuesday, April 8, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Major Flood Stage occurs at 27 feet.
- USGS Gage Number 07019130.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/VLLM7>



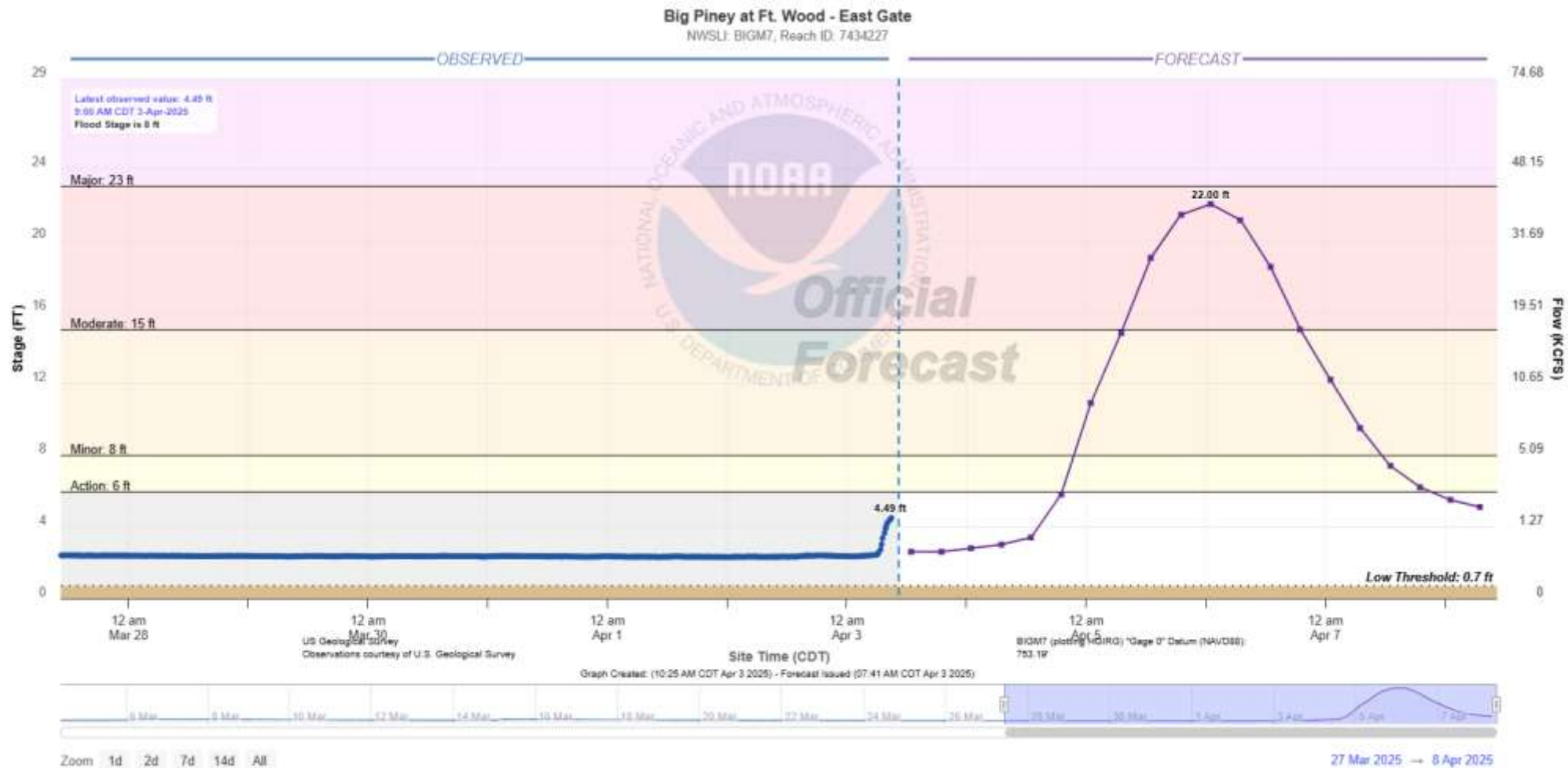


- Meramec River near Eureka is at 5.57 ft. and expected to crest at 37.80 ft. in Major Flood Stage early afternoon on Tuesday, April 8, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Major Flood Stage occurs at 31 feet.
- USGS Gage Number 07019000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/ERKM7>

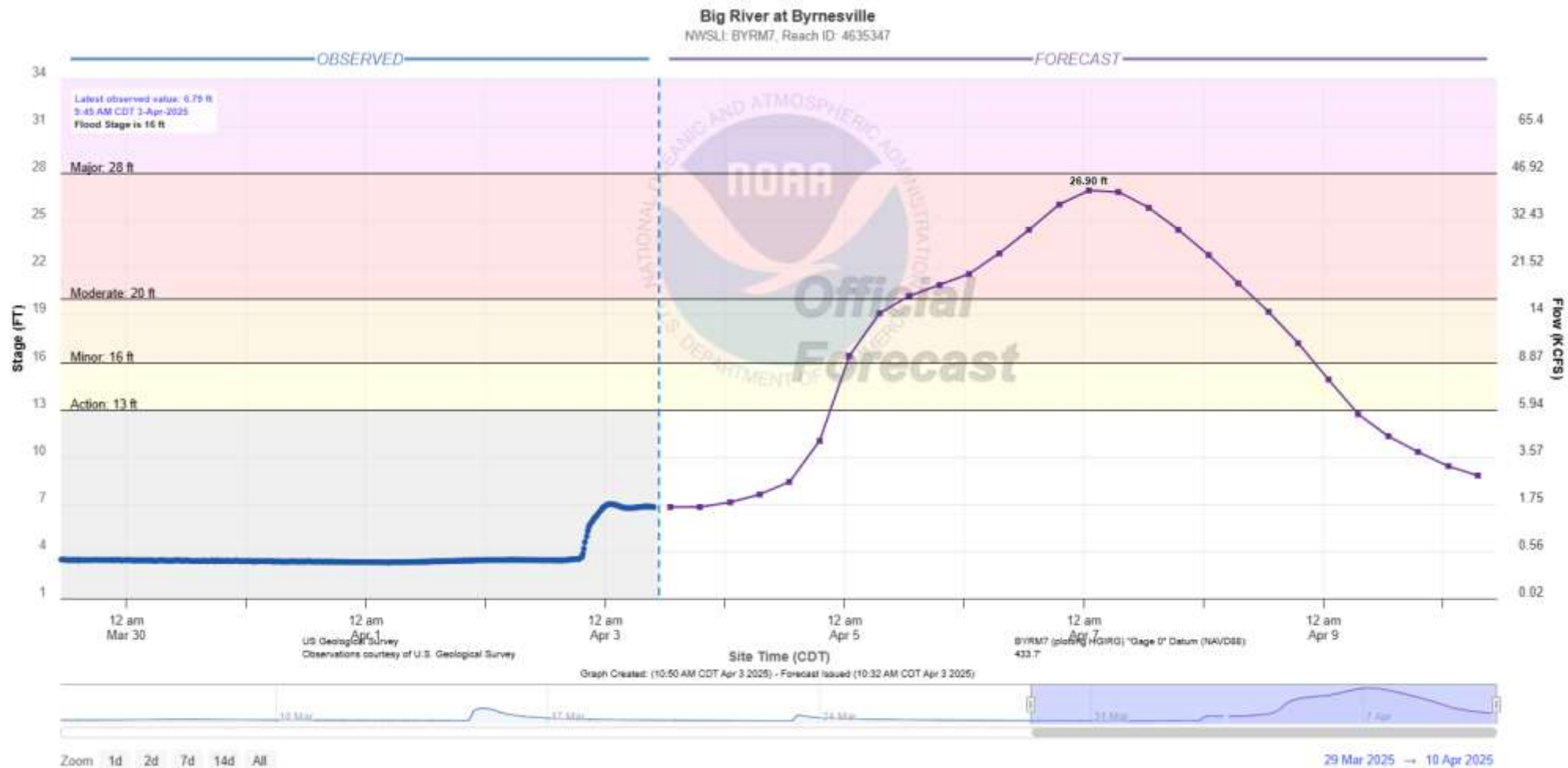


- Mississippi River at Hickman is at 21.88 ft. and expected to crest at 44.00 ft. in Moderate Flood Stage midday on Friday, April 11, 2025.
- Forecast was issued at 10:28 AM CDT April 3, 2025.
- Major Flood Stage occurs at 43 feet.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/HKMK2>





- Big Piney at Ft. Wood – East Gate is at 4.49 ft. and expected to crest at 22.00 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 7:41 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 15 feet.
- USGS Gage Number 06930060.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/BIGM7>

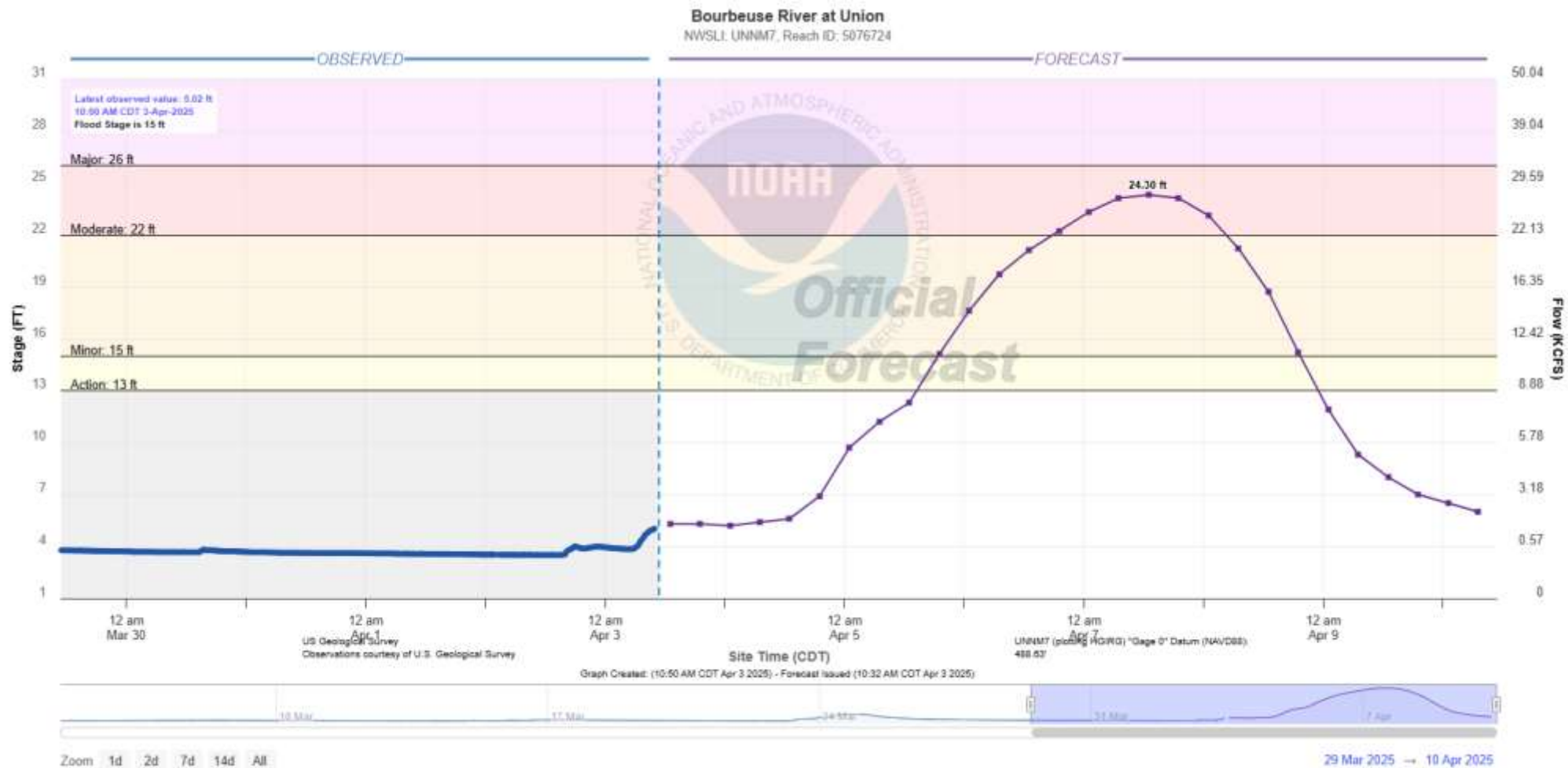


- Big River at Byrnesville is at 6.79 ft. and expected to crest at 26.90 ft. in Moderate Flood Stage early morning on Monday, April 7, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 20 feet.
- USGS Gage Number 07018500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/BYRM7>



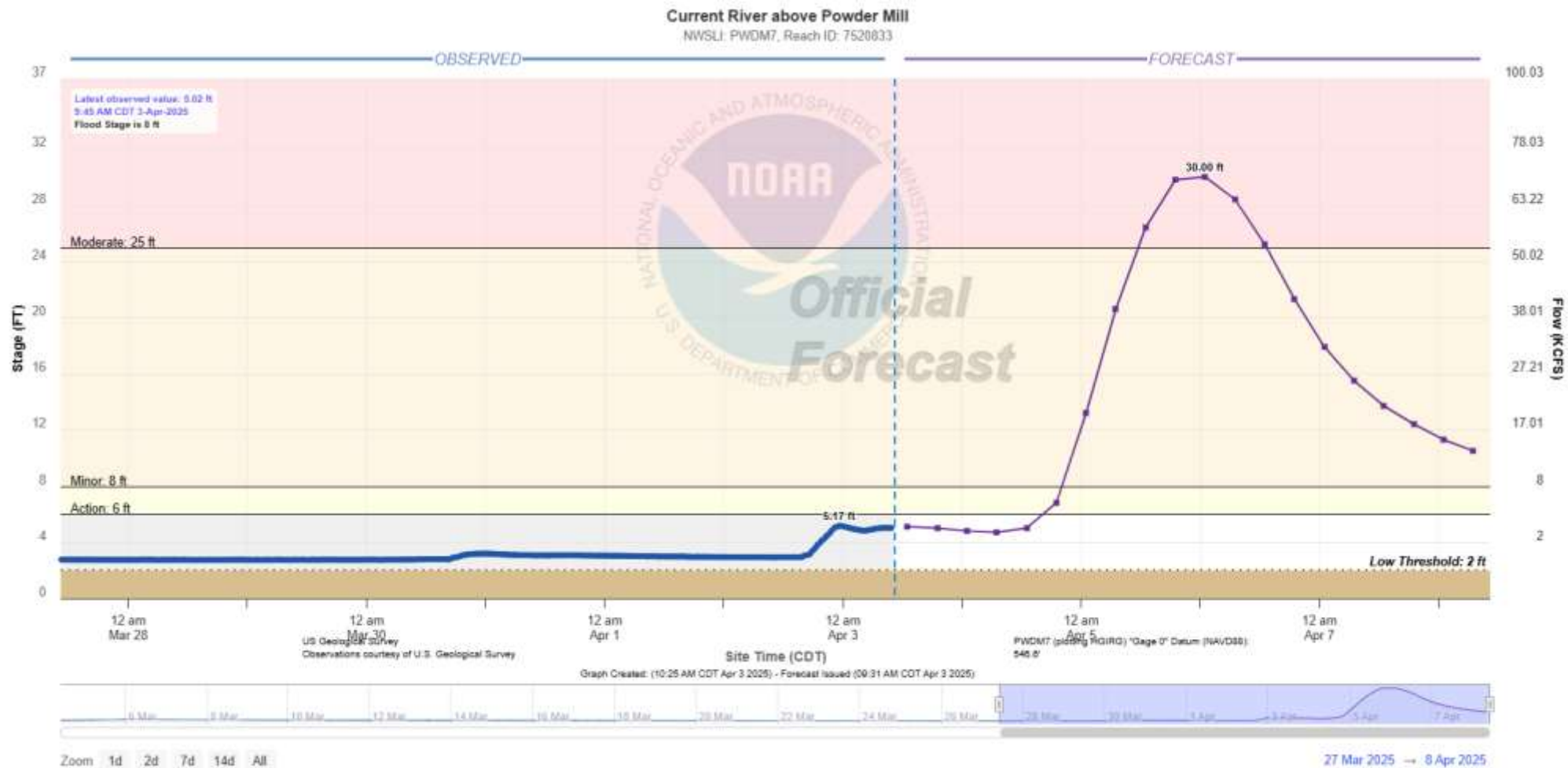


- Black River near Annapolis is at 4.41 ft. and expected to crest at 20.0 ft. in Moderate Flood Stage in the evening on Saturday, April 5, 2025.
- Forecast was issued at 9:31 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 15 feet.
- USGS Gage Number 07061500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/ANNM7>

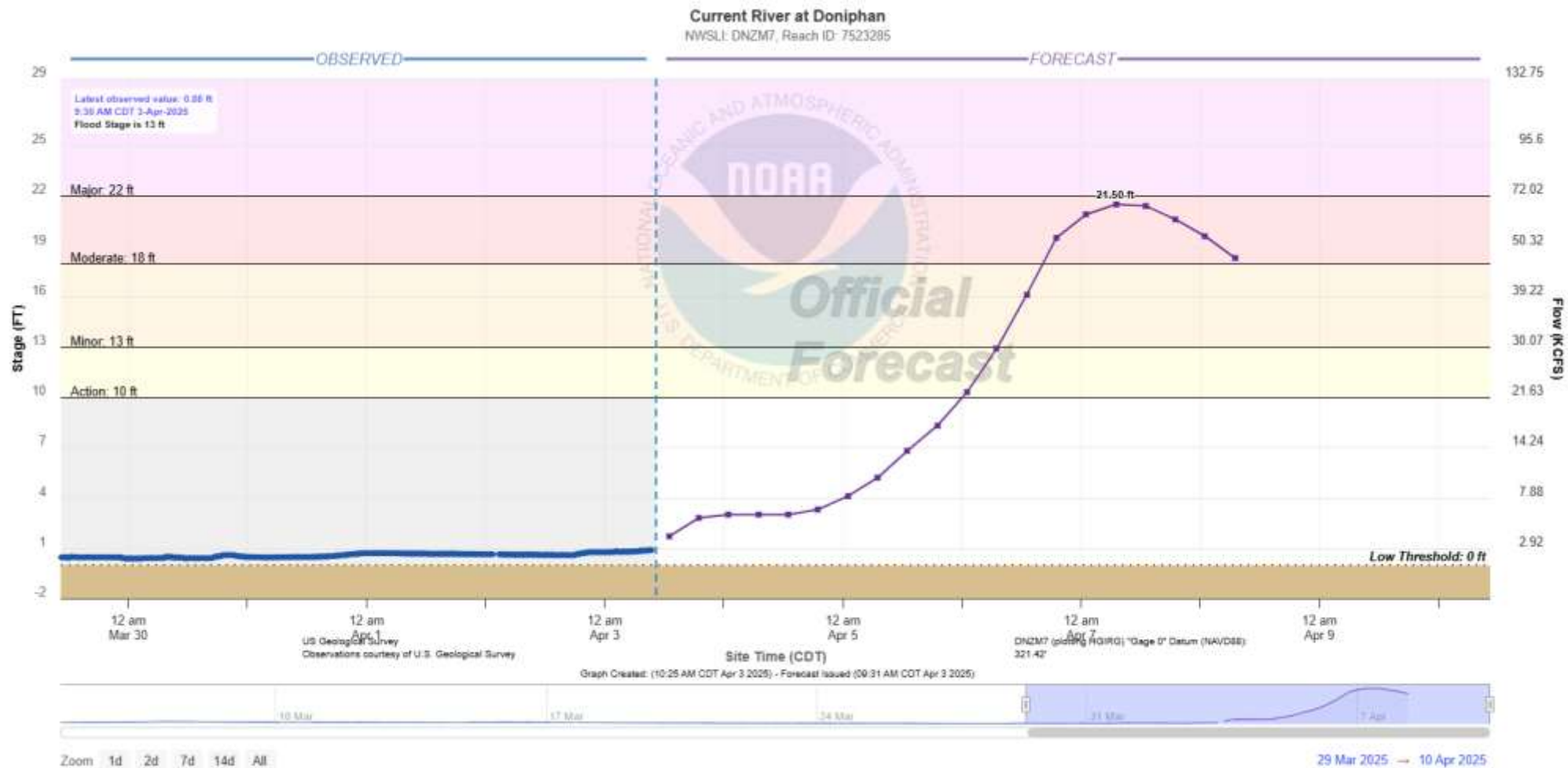


- Bourbeuse River at Union is at 5.02 ft. and expected to crest at 24.30 ft. in Moderate Flood Stage midday on Monday, April 7, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 22 feet.
- USGS Gage Number 07016500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/UNNM7>

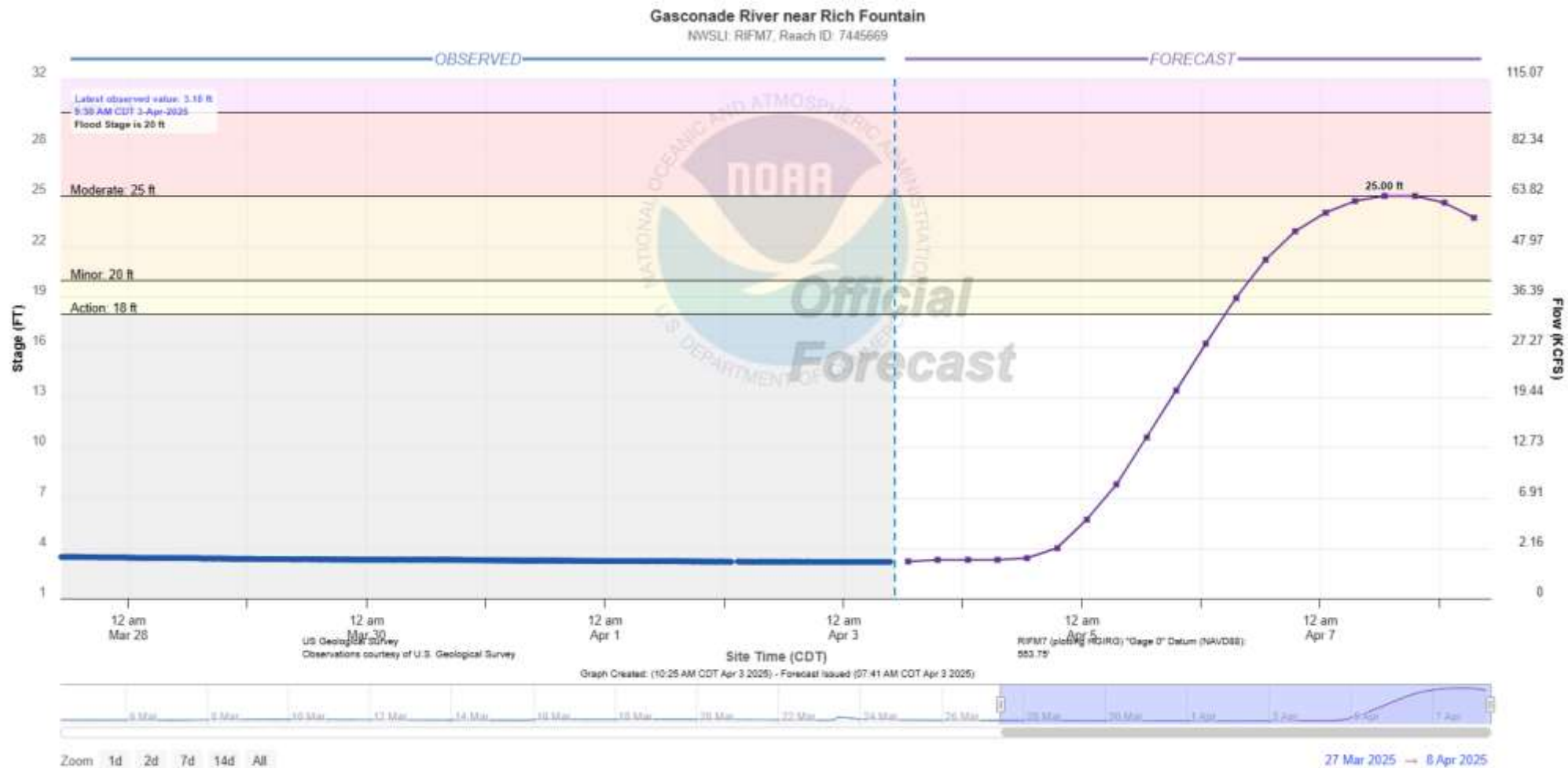




- Current River above Powder Mill is at 5.02 ft. and expected to crest at 30.00 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 9:31 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 25 feet.
- USGS Gage Number 07066510.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/PWDM7>



- Current River at Doniphan is at 0.88 ft. and expected to crest at 21.50 ft. in Moderate Flood Stage in the morning on Monday, April 7, 2025.
- Forecast was issued at 9:31 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 18 feet.
- USGS Gage Number 07068000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/DNZM7>

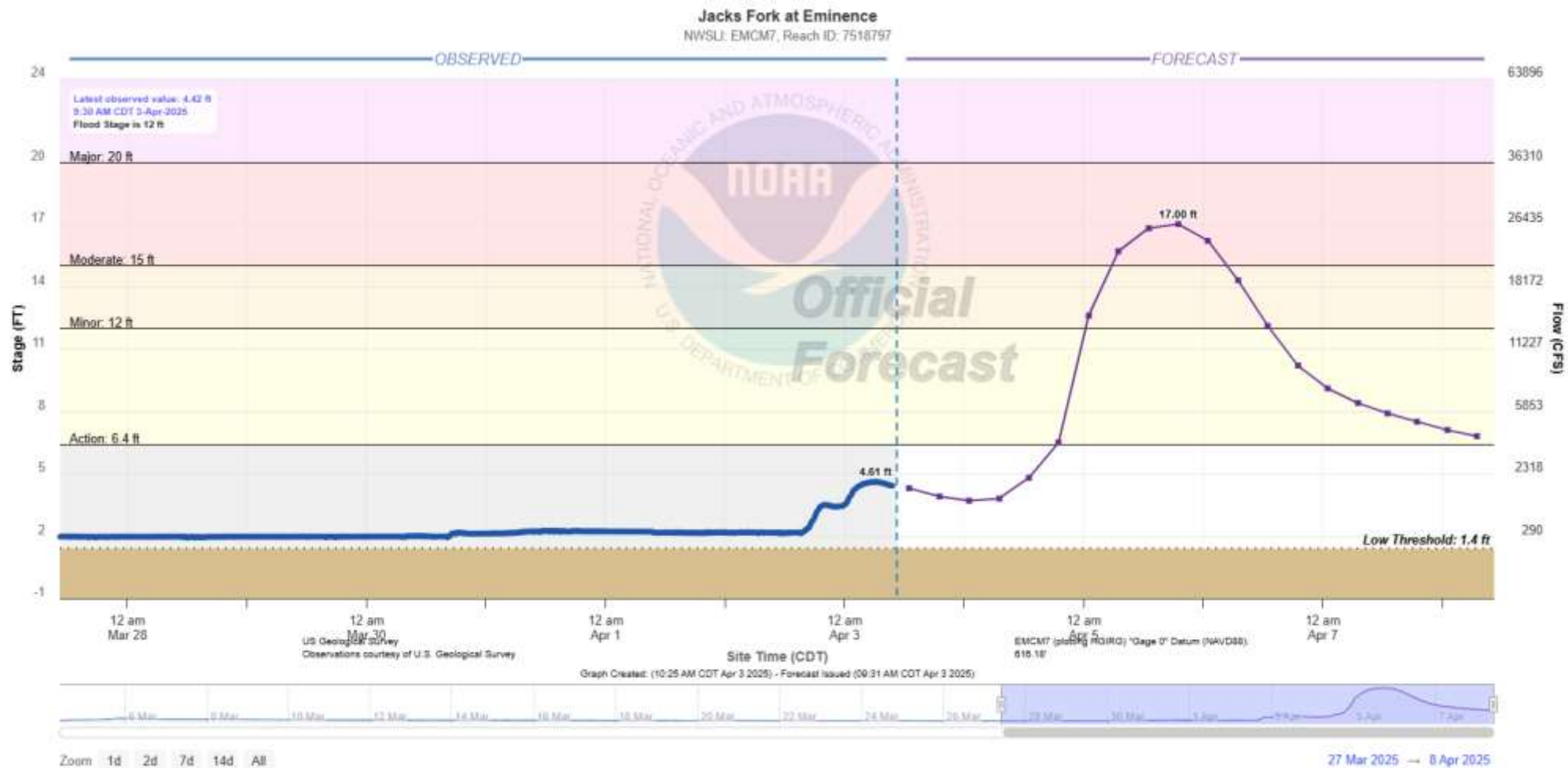


- Gasconade River near Rich Fountain is at 3.18 ft. and expected to crest at 25.00 ft. in Moderate Flood Stage midday Monday, April 7, 2025.
- Forecast was issued at 7:41 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 25 feet.
- USGS Gage Number 06934000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/RIFM7>

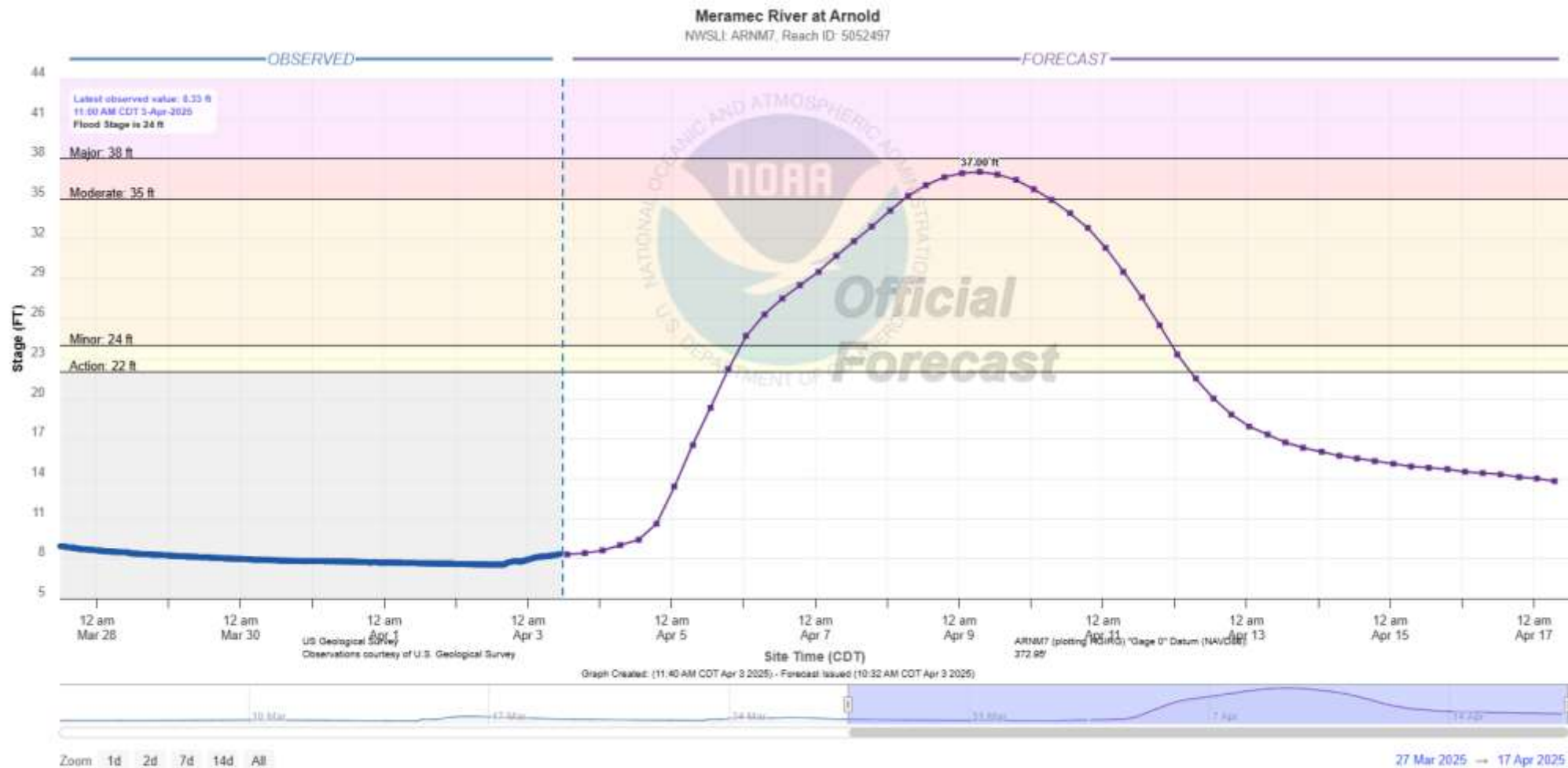




- Jacks Fork at Alley Spring is at 4.18 ft. and expected to crest at 15.00 ft. in Moderate Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 11:51 AM April 3, 2025.
- Moderate Flood Stage occurs at 12 feet.
- USGS Gage Number 07065495.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/ALYM7>

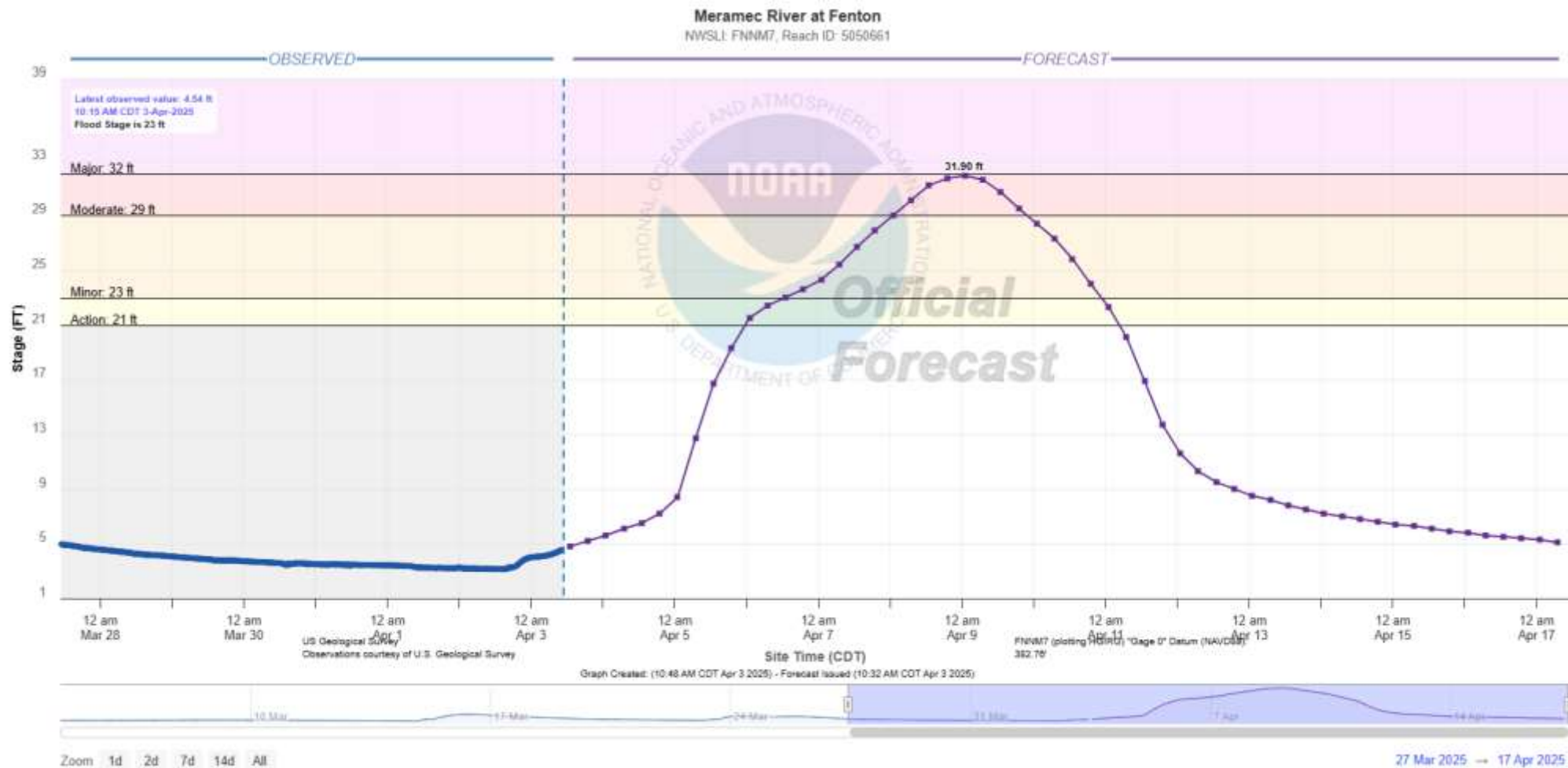


- Jacks Fork at Eminence is at 4.42 ft. and expected to crest at 16.00 ft. in Moderate Flood Stage in the evening on Saturday, April 5, 2025.
- Forecast was issued at 9:31 AM April 3, 2025.
- Moderate Flood Stage occurs at 15 feet.
- USGS Gage Number 07066000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/EMCM7>

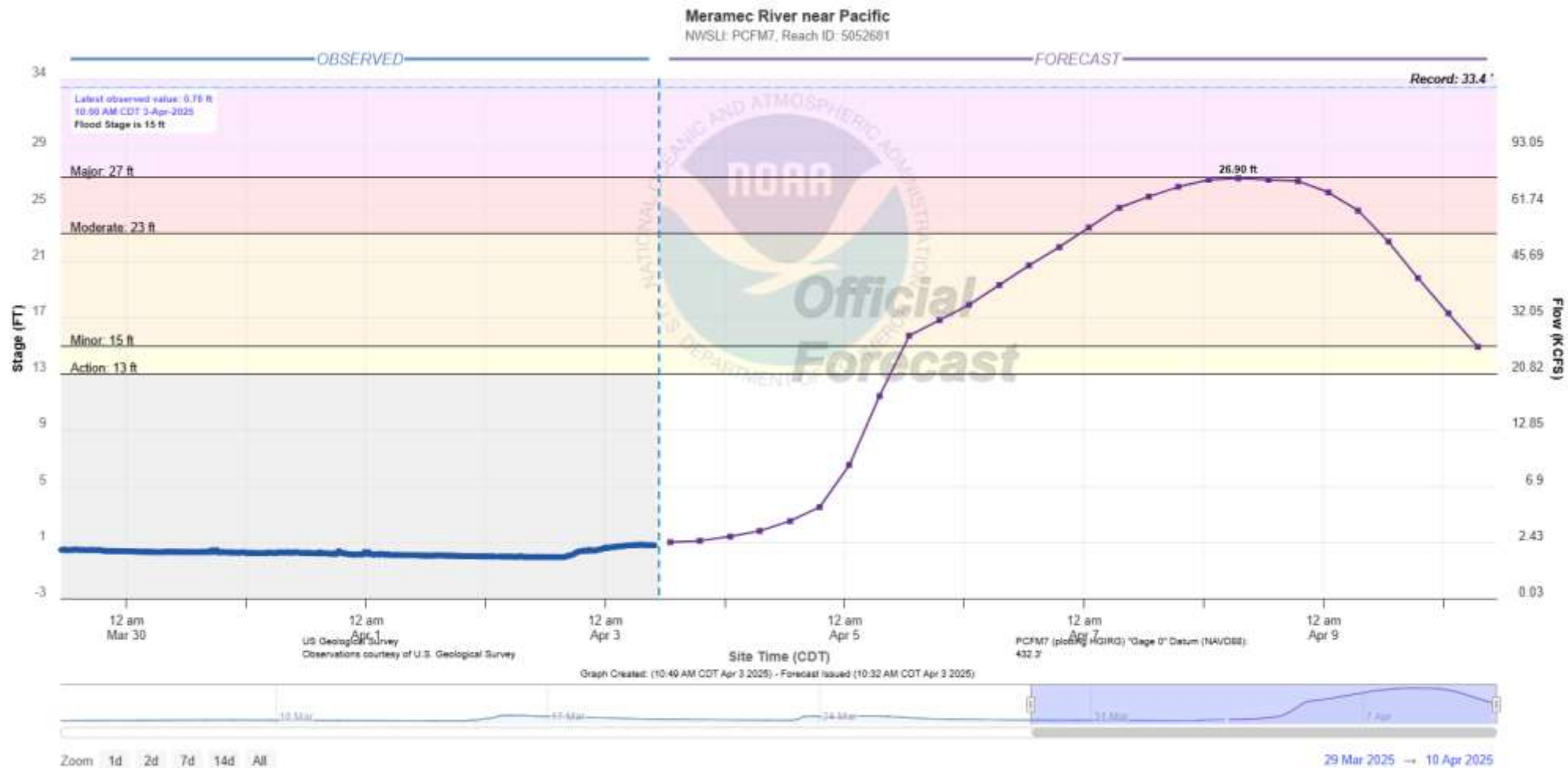


- Meramec River at Arnold is at 8.33 ft. and expected to crest at 37.00 ft. in Moderate Flood Stage in the morning on Wednesday, April 9, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 35 feet.
- USGS Gage Number 07019300.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/ARNM7>

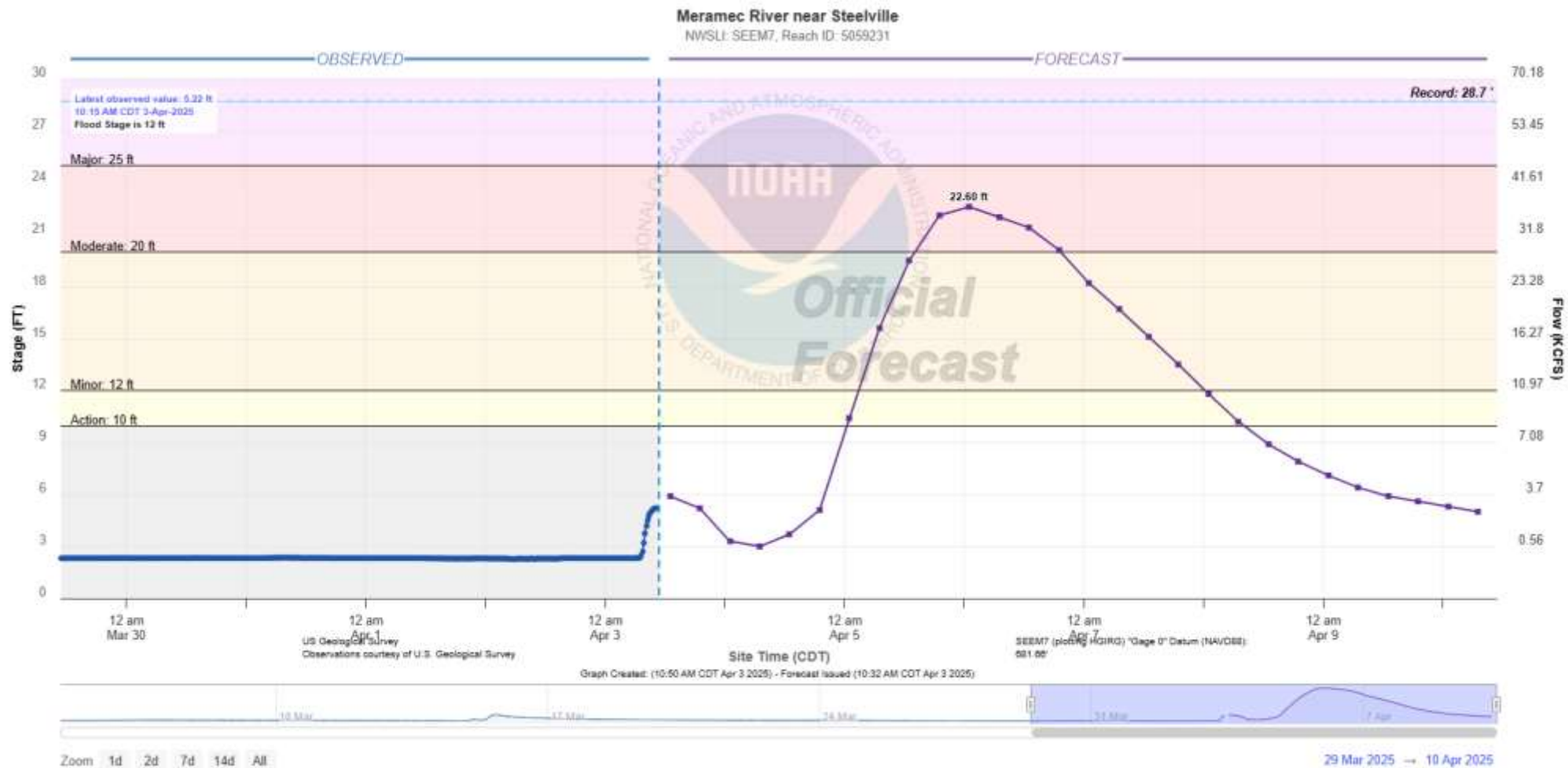




- Meramec River at Fenton is at 4.54 ft. and expected to crest at 31.90 ft. in Moderate Flood Stage early morning on Wednesday, April 9, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 29 feet.
- USGS Gage Number 07019210.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/FNNM7>

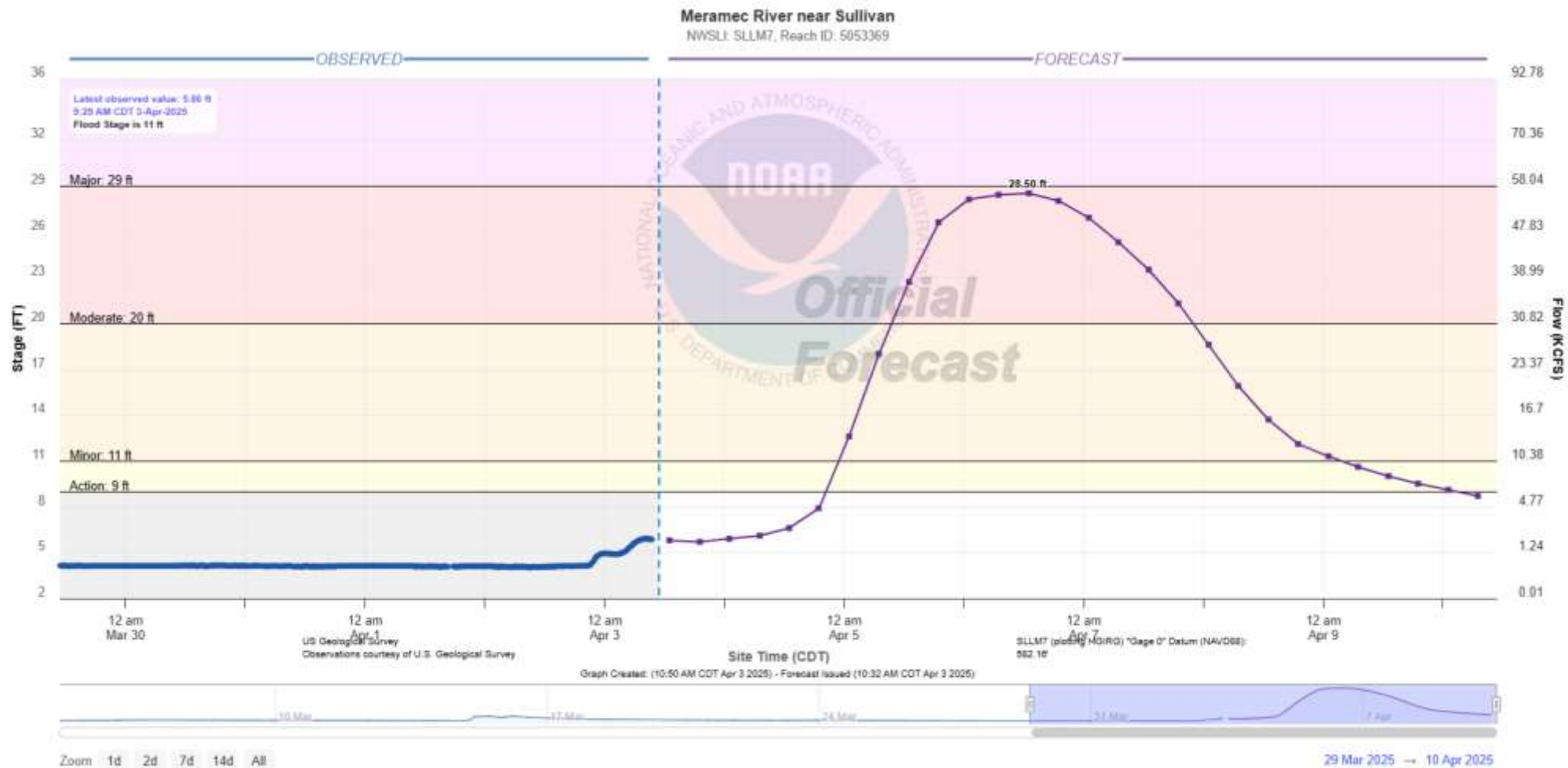


- Meramec River near Pacific is at 0.78 ft. and expected to crest at 26.90 ft. in Moderate Flood Stage in the morning on Tuesday, April 8, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 23 feet.
- USGS Gage Number 07017020.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/PCFM7>

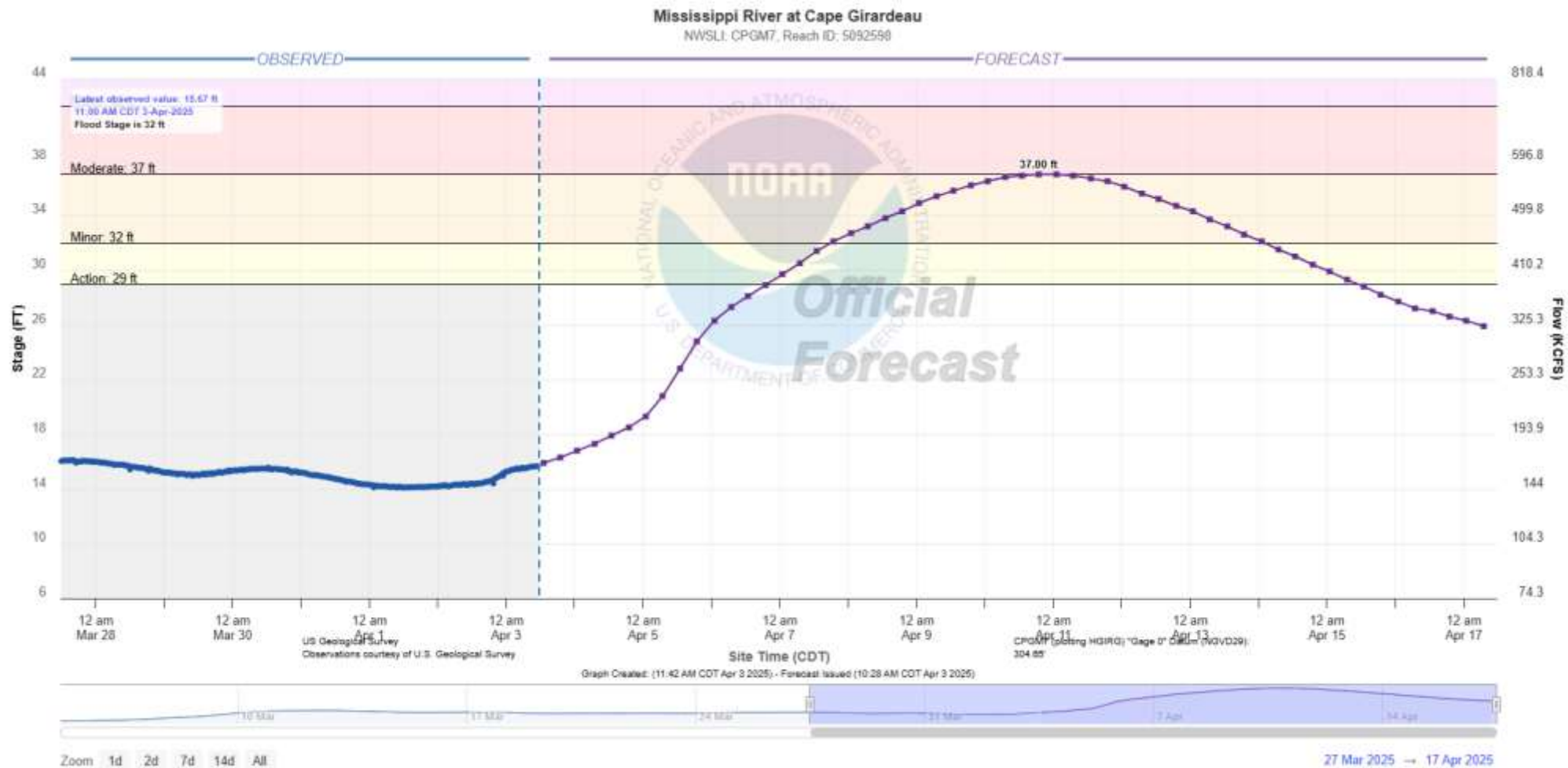


- Meramec River near Steelville is at 5.22 ft. and expected to crest at 22.60 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 20 feet.
- USGS Gage Number 07013000.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/SEEM7>

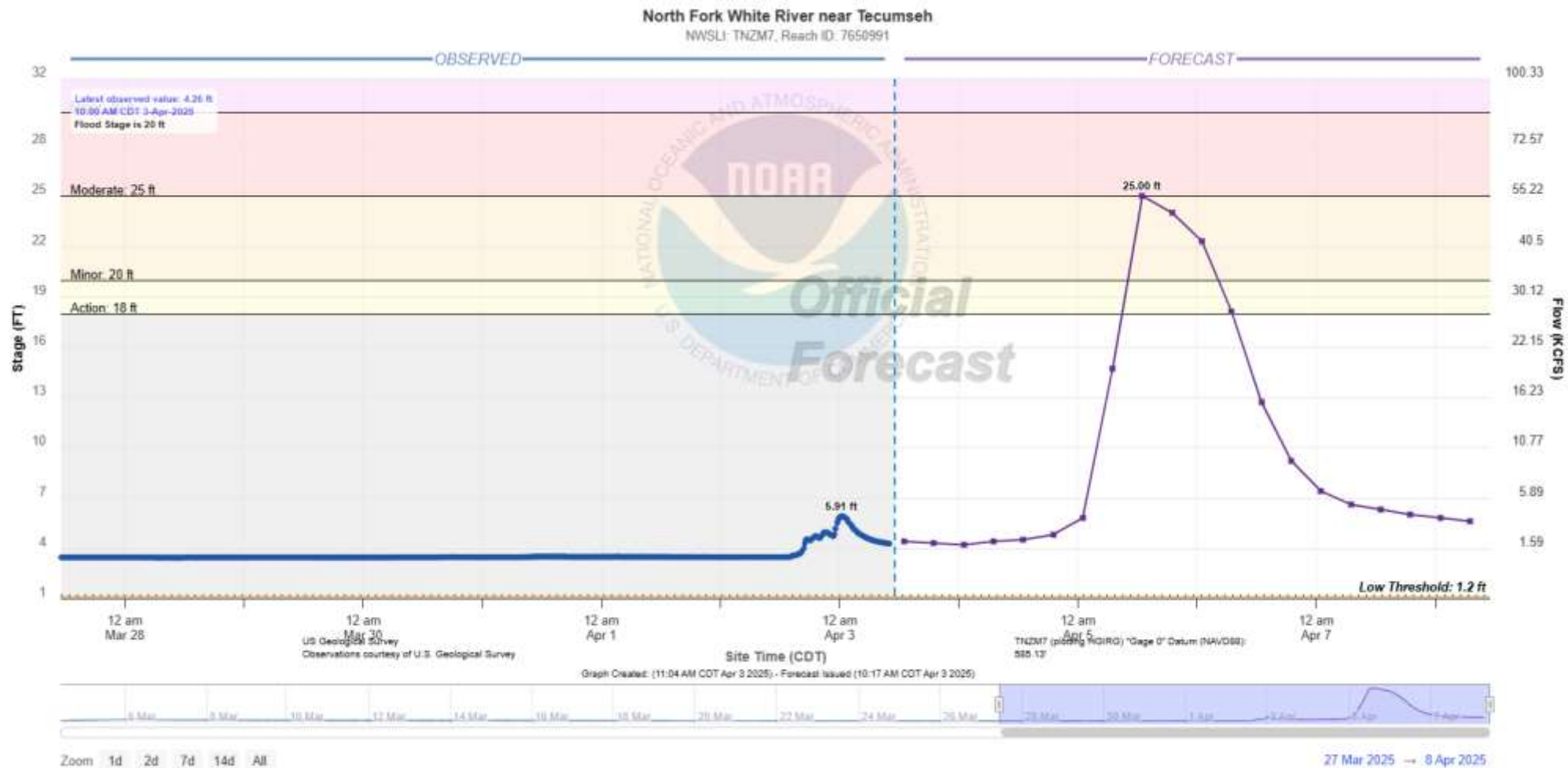




- Meramec River near Sullivan is at 5.86 ft. and expected to crest at 28.50 ft. in Moderate Flood Stage early morning on Sunday, April 6, 2025.
- Forecast was issued at 10:32 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 20 feet.
- USGS Gage Number 07014500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/SLLM7>

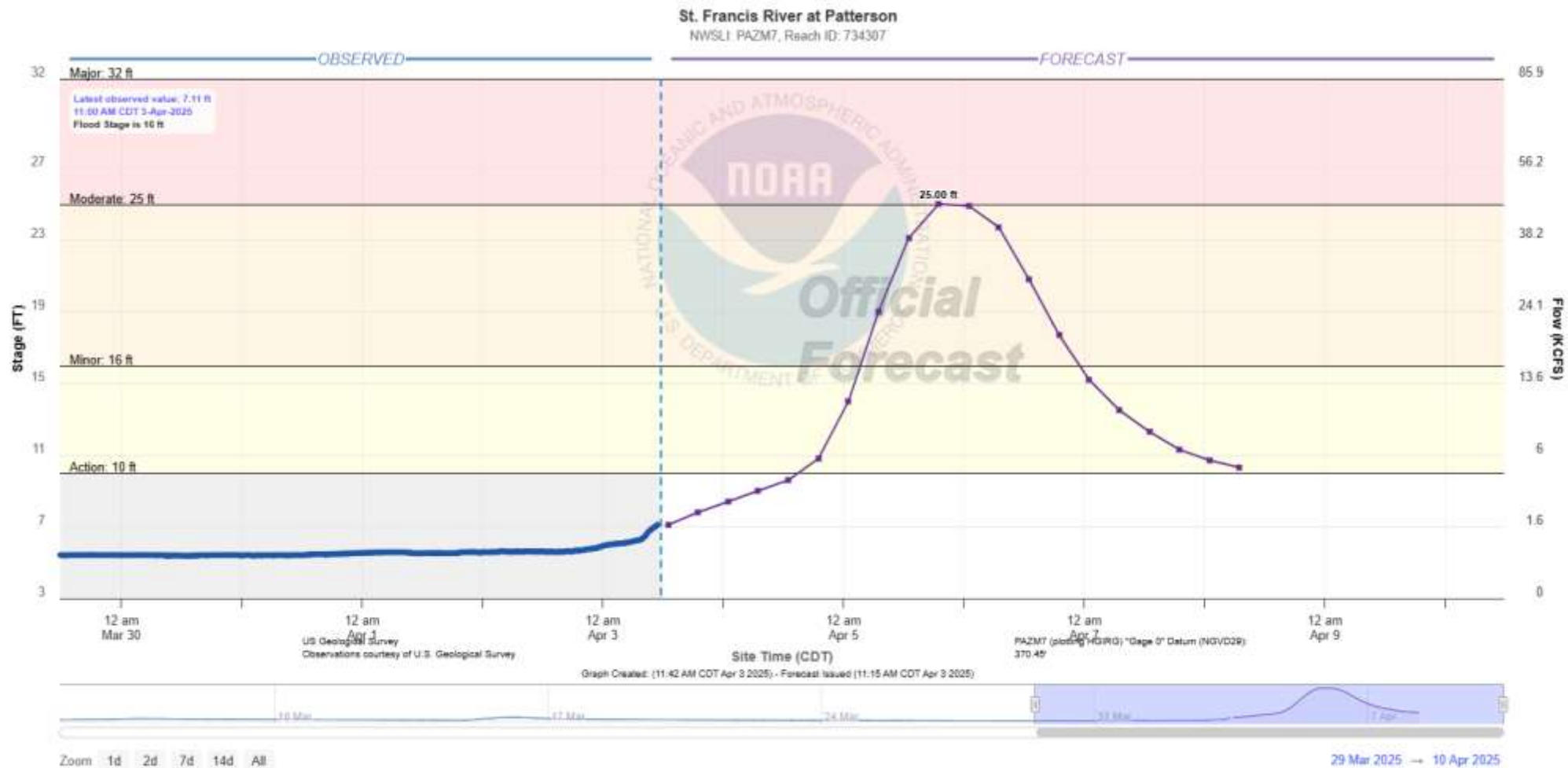


- Mississippi River at Cape Girardeau is at 15.67 ft. and expected to crest at 37.00 ft. in Moderate Flood Stage in the morning on Thursday, April 10, 2025.
- Forecast was issued at 10:28 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 37 feet.
- USGS Gage Number 07020850.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/CPGM7>



- North Fork White River near Tecumseh is at 4.26 ft. and expected to crest at 25.00 ft. in Moderate Flood Stage early morning on Saturday, April 5, 2025.
- Forecast was issued at 10:17 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 25 feet.
- USGS Gage Number 07057500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/TNZM7>





- St. Francis River at Patterson is at 7.11 ft. and expected to crest at 25.00 ft. in Moderate Flood Stage in the evening on Saturday, April 5, 2025.
- Forecast was issued at 11:15 AM CDT April 3, 2025.
- Moderate Flood Stage occurs at 25 feet.
- USGS Gage Number 07037500.
- For stage-related impacts and other site-specific details go to:  
<https://water.noaa.gov/gauges/PAZM7>

# Resources for Further Information

- Department of Natural Resources Flood Page:  
<https://dnr.mo.gov/water/how-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page:  
<https://dnr.mo.gov/water/how-water/state-water/surface-water/interstate-waters>
- National Water Prediction Service Flood Inundation Map:  
[Flood.Inundation.Map.Service](https://www.waterprediction.org/flood-inundation-map)

# References

- Climate Prediction Center: <https://www.cpc.ncep.noaa.gov/>
- National Water Prediction Service: [National Water Prediction Service](#)
- Weather Prediction Center: <https://www.wpc.ncep.noaa.gov/#>